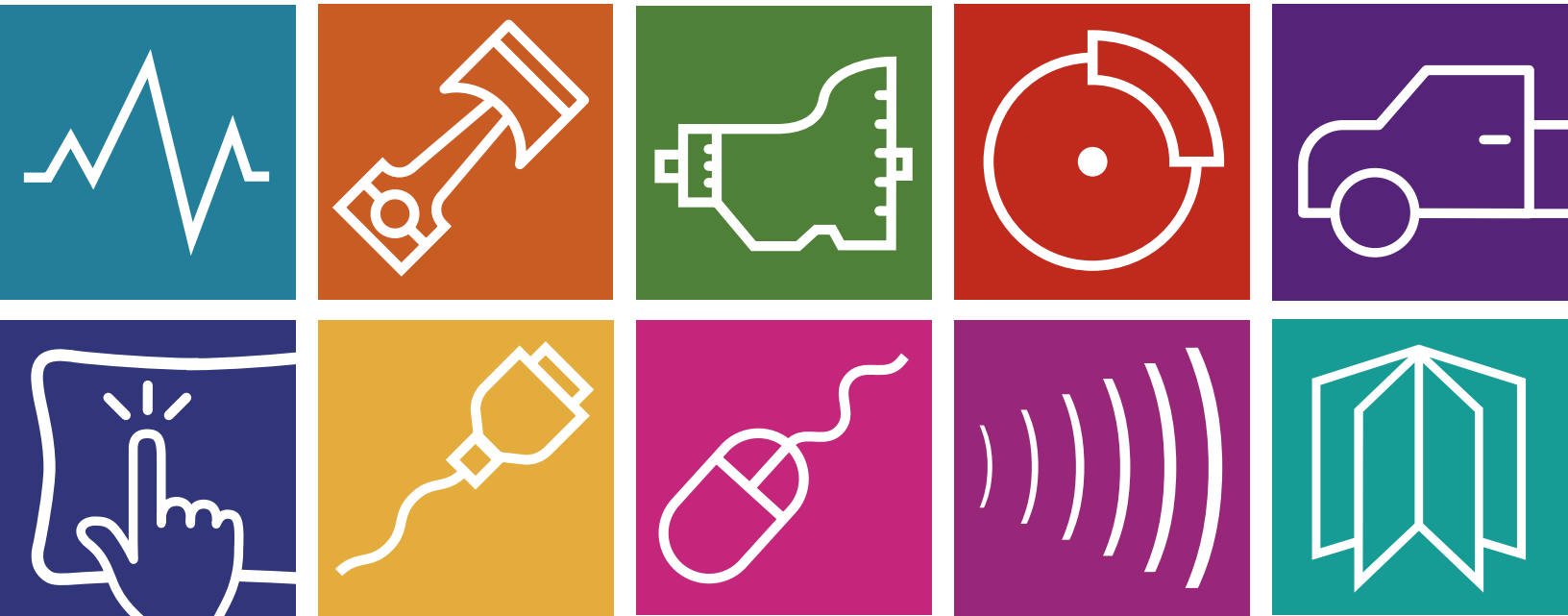


Heavy-Duty Diagnostic

Product Catalog



A SOLUTION FOR EVERY SITUATION

NEXIQ
TECHNOLOGIES™

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Diagnostic Tools



Pro-Link iQ™ Kit

PN 188001



- Larger, sharper color graphics
- More information clearly displayed
- Faster data downloads
- Portable and powerful

Introducing the next generation in diagnostic scan tools

The Pro-Link iQ is the new standard in hand-held diagnostic scanning tools for commercial vehicles. This easy-to-use diagnostic tool is designed to help you diagnose your engine, brake, and transmission failures. This is the hardware designed to support today's vehicles, as well as the more complex vehicles of tomorrow. Using simple menus and message screens, the Pro-Link iQ has been designed to guide technicians through even the most complicated vehicle test.



Kit includes

- PRO-LINK iQ scan tool
- iQ Heavy-Duty Standard application —PN 888008
- Power and data cable
- 6-pin Deutsch adapter
- 9-pin Deutsch adapter
- 2-cell battery pack
- CD manual/driver
- Stylus pen
- Carrying case

Pro-Link GRAPHIQ™ Kit

PN 616001



The Pro-Link GRAPHIQ

If you're maintaining an older fleet, the Pro-Link GRAPHIQ is the tool you're looking for. It has 24 proprietary applications from which to choose. Pro-Link iQ is built for today's fleet and the fleet of the future, while the Pro-Link GRAPHIQ supports your older fleet vehicles.

Key features

- 3.8" Color VGA sunlight readable color display
- Graph up to four selected parameters to view relationships and trends over time
- Display eight lines of data in text mode with GRAPHIQ enhanced applications
- Compatible with existing Multi-Protocol Cartridge and Pro-Link applications which display four lines of data
- View and graph data points simultaneously
- Provides real-time vehicle data in graph or text modes
- RS-232 port for modem connection
- Create custom data lists
- Troubleshoot driveability, ABS, body control and other systems
- On-screen trouble code definitions
- Easy-to-use menus and message screens



Kit includes

- Pro-Link GRAPHIQ scan tool
- GRAPHIQ Heavy-Duty Standard application card—PN 806008
- Multi-Protocol Cartridge
- 6-pin Deutsch adapter
- 9-pin Deutsch adapter
- Power and data cable
- Fault Code Guide
- User manuals
- Carrying case

Brake-Link™ Tractor/Trailer ABS

PN 116021



WABCO and Bendix tractor/trailer anti-lock brake systems

Coverage

- Meritor WABCO Easy-Stop and Enhanced Easy-Stop
- Meritor WABCO D&E Series Tractor
- Bendix EC-30, EC-30T, and EC-17
- Haldex PLC, PLC Plus and PLC Select
- Eaton GEN4 and GEN5
- Wabash National MBS-1P and MBS-2

Conveniently test the following:

- Trailer ABS system with PLC communications
- Auto-detect the OEM's ECU system configuration
- View and clear current and historic faults
- Actuate modulators and valves
- Cycle of the brake retarder relays

Brake-Link does it all. It's the all-inclusive diagnostic brake tool that interfaces with:

- WABCO
- Bendix
- Haldex
- Eaton
- Wabash



Engines

Overview

When shopping for heavy-duty truck diagnostic applications, most customers are looking for five basic types of information:

- Fault codes
- Proprietary data lists
- Trip data
- Customizable parameters
- Special tests

The NEXIQ applications in this catalog are divided into three categories: Engines, Transmissions, and Brakes. Not all of the applications provide all

of the information in exactly the same way, but given the application, you can perform some combination of the following:

- Read proprietary fault codes
- Clear proprietary fault codes
- View data lists (for example, sensors, switch status, proprietary data lists)
- View and reset trip information
- Perform special tests (for example, cylinder tests, injector tests, etc.)

Use the remainder of entries in this section to determine the applications that best meet your requirements.

Note: GRAPHIQ application cards and cartridges are not required or compatible with the Pro-Link iQ. They are, however, compatible with older versions of the Pro-Link, the Pro-Link 9000, and the Pro-Link Plus. To work properly, GRAPHIQ application cards require a Multi-Protocol Cartridge (MPC), **PN 208040**.

Detroit Diesel—Applications



iQ Software

DDEC Suite—DDEC III, IV, V
1995–2006 PN 888015



Common Adapter (see page 7)
Not included with either kit

12-pin GM adapter
PN 401003



GRAPHIQ Application Card

DDEC V	PN 804218
2004–2006	
DDEC III/IV	PN 805015
1995–2005	
DDEC Mercedes-Benz	PN 804031
2001–2006	



GRAPHIQ Cartridge

DDEC II and III	PN 208026
1988–1998	
DDEC II and III Spanish	PN 208026S
1988–1998	
DDEC I and II	PN 201007
1986–1992	

Caterpillar—Applications



iQ Software

CAT[®] ACERT[™]
2003–2006 PN 888024



Common Adapters (see page 7)
Not included with either kit

9-pin Caterpillar Deutsch
1990–1995 PN 401015

9-pin Caterpillar "T"
1990–1993 PN 401014



iQ Adapter (see Cables, page 7)
Not included with the kit

HD/J1962— GM truck w/CAT engines
PN 488009



GRAPHIQ Application Card

CAT[®] ACERT[™]
2003–2006 PN 807024



GRAPHIQ Adapter (see Cables, page 7)
Not included with the kit

J1962 for GMC trucks with CAT engine PN 404009



GRAPHIQ Cartridge

CAT[®]
1990–2003 PN 202024

Engines



International—Applications



Common Adapter (see page 7)
Not included with either kit

8-pin AMP
1994–1995 PN 401012



iQ Software

International®—Engine
1994–2006 PN 888010



GRAPHIQ Application Card

Navistar Navpak
1998–2004 PN 804010



GRAPHIQ Cartridge

Navistar MRD
1994–1998 PN 204032

Kelsey Hayes (International Hydraulic ABS)
1998–2002 PN 208044

Mack—Applications



GRAPHIQ Application Card

V-MAC III (V6.2 Step 8)
1999–2004 PN 804011



GRAPHIQ Cartridge

V-MAC II
1995–1998 PN 208037

V-MAC I
1990–1995 PN 203010

Volvo—Applications

VOLVO



GRAPHIQ Application Card

Vectro II
1999–2002 PN 809112



GRAPHIQ Cartridge

VED 12
1987–1998 PN 207031

Heavy-Duty Standard—Application

A generic (i.e., Engines, Transmissions, and Brakes) application that provides access to limited, non-proprietary diagnostic information. Use HDS to:

- Read active fault codes
- Read and clear inactive fault codes
- View non-proprietary parameters
- Read trip information



iQ Software

HDS—Medium/Heavy-Duty Trucks
1989–2007 PN 888008



GRAPHIQ Application Card

HDS—Medium/Heavy-Duty Trucks
1989–2007 PN 806008

The difference between HDS and our other applications:

- It's generic
- You cannot change parameters or run special tests
- HDS does not support Allison, Isuzu, or Hino



Transmissions

Heavy-Duty Transmission—Applications

The Heavy-Duty Transmission application enables you to view proprietary information and run special tests.



iQ Software

Allison Suite
1K/2K, WTEC, CEC1 PN 888005



GRAPHIQ Application Card

Allison WTEC II and III
(includes CEC1) PN 805005

Allison CEC I and II
PN 804009

ZF Meritor Transmission
PN 801017

Dana/Eaton RoadRanger
PN 804001



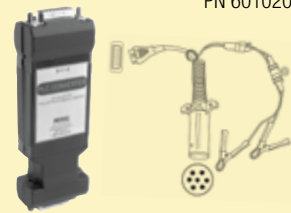
Brakes

Heavy-Duty ABS—Applications

The Heavy-Duty ABS application provides diagnostic ABS information for both tractors and trailers. You can view proprietary information and run special tests.

PLC Converter Kit*

PN 601020



*Required for newer trailers



iQ Software

Meritor WABCO Suite
Air and Hydraulic PN 888014



GRAPHIQ Application Card

Meritor WABCO ABS
2.61 W/PLC PN 804014

Meritor WABCO
Hydraulic ABS PN 804025

Bendix Application ABS
PN 805013

Dana/Eaton RoadRanger
PN 804001



GRAPHIQ Cartridge

Kelsey-Hayes (International Hydraulic ABS)
1998–2002 PN 208044



Light and Medium Trucks

LMT—Applications



iQ Software

OBD II—Generic
1996–2006 PN 888076



GRAPHIQ Cartridge

LMT
1999–2004 PN 205005*

LMT
1981–2001 PN 201048

Enhanced coverage for foreign and domestic gas and diesel engines, including the following:

Ford

- '03–'04 6.0L Powerstroke*
- '99–'03 7.3L Powerstroke

GM

- '01–'04 6.6L Duramax
- '99–'03 6.5L Diesel

Chrysler

- '99–'04 5.9L Cummins

Also covers transmissions, ABS and airbag systems.

*Pro-Link GRAPHIQ required

Cables and Accessories



Additional Cables and Accessories for Pro-Link iQ



6-pin Deutsch adapter
PN 488024



9-pin Deutsch adapter
PN 488028



HD/1962—
GM truck w/ CAT engine PN 488009



OBD II/J1962
PN 488013

The cables included with the kits meet the needs of most customers. If you are uncertain about additional cables (i.e., cables not included with the kit), please contact NEXIQ Technical Support for information and guidance.



AC adapter
PN 488099



Stylus pen
PN 1402-813



2-cell battery pack
PN 4001-018



4-cell battery pack
PN 4001-019



Screen protector
PN 2450-801A



Carrying case
PN 218006

Additional Adapters and Cables for Pro-Link GRAPHIQ



6-pin Deutsch adapter
PN 404024



9-pin Deutsch adapter
PN 405028



J1962 for GMC trucks w/CAT engine
PN 404009



V-MAC II adapter
PN 401000

Common Adapters and Cables for both Pro-Link iQ and GRAPHIQ



HD 2-pin Cummins adapter
PN 401013



HD Caterpillar adapter
PN 401014



9-pin Deutsch to Atari (Cat)
PN 401015



Power and data cable
PN 501002A



Data cable
PN 501003A



Power cable
PN 501004A



PC to Vehicle Interfaces

USB-Link™

PN 125032



The USB-Link™ is designed to work with all your OEM heavy-duty applications for both your diagnostic and reprogramming needs. So stop looking for an adapter that is application specific because the USB-Link™ works with all of them, and you have a choice of connections wired or wireless up to 100 ft.



Protocol coverage

- J1708
- Dual-J1939/CAN
- Dual-High Speed CAN
- ISO-9141
- KW2000
- J1850
- ALDL

Features

- Easy USB connectivity
- Wireless connectivity thru Bluetooth
- Supports Windows 2000 and XP
- CE compliant

Includes

- USB Link
- 15 ft. USB cable
- Drivers installation CD and guide
- 6- and 9-pin "Y" Deutsch adapter

Optional

- Bluetooth dongle for your PC or Laptop—**PN 405001**

Wireless Vehicle-Link™

PN 122048



The Wireless Vehicle-Link (WVL) is the first wireless PC-to-vehicle interface for communicating with heavy-duty data bus protocols. The WVL provides a state-of-the-art diagnostic interface for heavy-duty truck applications with a range for up to 300 ft. using 802.11.



Protocol coverage

- J1708
- J1939/CAN
- High Speed CAN
- ISO-9141
- J1850
- ALDL

Features

- Wireless connectivity using 802.11
- 300 ft. range
- Supports Windows 98, 98SE, 2000 and XP
- Network capability

Includes

- Wireless Vehicle Link adapter
- 802.11 PCMCIA card
- 6- and 9-pin Deutsch adapter
- Driver installation CD
- User manual

Additional Adapters for PC to Vehicle Interfaces



J1962 for GMC trucks w/CAT engine
PN 444009



OBD II adapter
PN 448013



6- and 9-pin "Y" Deutsch adapter
PN 405048

Software/Interface Capability



Use the table on the right to check whether the software application you are using is compatible with the PC to vehicle interface tools in the chart. Not all applications are included. If you are unsure about an application not listed, or you need more information, please contact NEXIQ Technical Support. A technical support specialist will be happy to help you make the right choice.

Application	USB-Link	WVL
Detroit Diesel Diagnostic Link	✓	✓
CAT Electronic Technician	✓	✓
Cummins Insite	✓	✓
Hino eXplorer	✓	N/A
International MD Fleet	✓	✓
V-MAC Service Tools	✓	✓
VCAD Elite Mack/Volvo	✓	✓
Allison DOC (1939–1k/2k)	✓	✓
Allison DOC (J1850–1k/2k)	✓	✓
Allison DOC (1708–WTEC)	✓	✓
Eaton ServiceRanger	✓	✓
Bendix Acom	✓	✓
WABCO Toolbox	✓	✓
Freightliner ServiceLink	✓	✓
International ABS	✓	✓
International DLB	✓	✓
International Intune	✓	✓



Publications/Manuals

NEXIQ Fault Code Guide

PN 906008



You've been looking for better fault code information. Now you've got it.

Everyone in the industry has been looking for that one place to find the medium and heavy-duty fault code information they need. Now that "one place" is here—the NEXIQ Fault Code Guide. This newly published reference guide from NEXIQ Technologies® consolidates medium and heavy-duty fault code information into one book.

Key features

- MID, PID, SID, and FMI industry-standard descriptions with NEXIQ Pro-Link® cross-reference
- Diagnostic trouble codes for engines, transmissions, and anti-lock brakes all in one place
- Sensor descriptions and illustrations
- List of acronyms and abbreviations

Pro-Link iQ CD Manual/Drivers

PN 858089



A collection of all Pro-Link iQ application and user manuals.

Included with Pro-Link iQ kit and any iQ application

Pro-Link Product Information CD

PN 857049



A collection of more than 10 current user manuals in portable document format (PDF). Included is the most up-to-date version of the Adobe Reader. This CD enables you to get the product information you need quickly on CD. You can also print individual pages for quick reference.

Included with Pro-Link GRAPHIQ kit

Pro-Link Training DVD

PN 915002



A quick overview of Pro-Link features for first-time Pro-Link users.

Included with Pro-Link GRAPHIQ kit

Repair and Service Procedure

The NEXIQ Product Service Department is always happy to help with your repair and service needs.

NEXIQ requires a RMA (Return Materials Authorization) process for the NEXIQ Product Service Department. For all repairs and rework, we require a RMA number to be issued. To obtain an RMA number, please call 1-800-639-6774 and select option 3. This will take you to the Product Service Department who will then take your information and issue an RMA number. If the repair or rework is out of warranty, a credit card or COD authorization must be provided to cover the cost of the repair. The customer is responsible for all shipping and handling charges on non-warranty repairs and rework.

The RMA number MUST appear clearly on the outside of the shipping box when being shipped to NEXIQ. Any package sent to the NEXIQ Product Service Department without an RMA number on the shipping box, will be REFUSED and returned to sender, unopened.

NEXIQ will make every effort to repair and/or replace the items returned with a proper RMA number within 48 hours of receipt. We appreciate your co-operation in this continued effort to provide efficient, timely product service and support.

NEXIQ offers the following support:

- FAQs and troubleshooting at www.nexiq.com
- FREE technical support during business hours (EST)
- FREE training DVD with kit purchase

